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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known FEE TRANSMITTAL 09/963,715 Application Number September 26, 2001 Filing Date for FY 2005 Rabindranath Dutta First Named Inventor Effective 10/01/2004. Patent fees are subject to annual revision. Joseph A. Fischetti Examiner Name Applicant claims small entity status. See 37 CFR 1.27 3627 Art Unit (\$) 500.00 AUS920010319US1 Attorney Docket No. TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Money Order Credit card Check arge Entity | Small <u>Entity</u> ✓ Deposit Account: Fee Description (\$) Code (\$) <u>Fee Pald</u> Deposit 50-0714/IBM-0013 65 Surcharge - late filing fee or cath 1051 130 2051 Number Surcharge - late provisional filing fee or 1052 50 2052 25 Deposit STREETS & STEELE cover sheet Account Name Non-English specification 130 1053 130 1063 The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments Charge fee(s) indicated below 920" Requesting publication of SIR prior to 1804 920 1804 Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1.840 1805 1,840° Examiner action to the above-identified deposit account. Extension for reply within first month 1251 110 2251 FEE CALCULATION Extension for reply within second month 2252 1252 430 215 1. BASIC FILING FEE 1253 2253 Extension for reply within third month 980 Small Entity arge Entity Fee Pald Fee Description 2254 Extension for reply within fourth month 1254 1.530 ode (\$) Fee res Code (\$) 1,040 Extension for reply within fifth month 2255 1255 2.080 2001 395 Utility filing fee 1001 790 1401 340 2401 170 Notice of Appeal 2002 175 Dasign filing fee 1002 350 500.00 340 2402 170 Filing a brief in support of an appeal 1402 1003 550 2003 275 Plant filing fee 150 Request for oral hearing 1403 300 2403 2004 395 Reissue filino fee 1004 790 1451 1,510 1451 1,510 Petition to institute a public use proceeding Provisional filing fee 1005 160 2005 80 55 Patition to revive - unavoidable 1452 110 2452 SUBTOTAL (1) (\$) 1453 1.370 2453 685 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 2501 685 Utility issue fee (or reissue) 1501 1.370 Fee Pald Ext<u>ra Claim</u>s DOINW 1502 490 2502 245 Design issue fee X **Total Claims** -20** 1503 660 2503 330 Plant Issue fee Independent 130 Patitions to the Commissioner 1460 130 1460 Multiple Dependent 50 Processing fee under 37 CFR 1.17(q) 50 1807 1807 arge Entity 180 Submission of Information Disclosure Stmt Small Entity 1806 180 1806 40 Recording each patent assignment per Fee Description 40 8021 8021 Code (\$) Code (\$) property (times number of properties) Claims in excess of 20 1202 18 2202 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 790 2809 Independent claims in excess of 3 1201 88 2201 395 For each additional Invention to be 2203 Multiple dependent claim, if not paid 1810 790 2810 1203 300 150 examined (37 CFR 1.129(b)) Reissue independent daims 1204 2204 1801 395 Request for Continued Examination (RCE) over original patent 790 2801 1802 Request for expedited examination 900 1802 900 Relssue claims in excess of 20 2205 9 1205 18 of a design application and over original patent Other fee (specify) (\$) SUBTOTAL (2) Reduced by Basic Filing Fee Paid 500.00 SUBTOTAL (3) (\$) or number previously paid, if greater; For Relasue (Complete (if app SUBMITTED BY Registration No. Telephone 7139,939,944 Frank J. Campigotto 48,130 Name (Print/Type) (Attornoy/Agant) October 12, 2005

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Appeal Brief

Dkt. No.: AUS920010319US1

(IBM/0013)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

§ §

IN RE APPLICATION OF:

Rabindranath Dutta, et al.

@ @ @ @ @ @ @ @ @ @ @ @

EXAMINER: Joseph A. Fischetti

SERIAL NO: 09/963,715

CONFIRMATION NO.: 9288

GROUP ART UNIT: 3627

FILED: September 26, 2001

Via Facsimile: 571-273-8300

FOR: Method and System for Parent

Controlled E-Commerce

CERTIFICATE OF TRANSMISSION 37 C.F.R. 1.8

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APPEAL BRIEF

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APPEAL BRIEF

Appellant timely filed a Notice of Appeal to this Board on August 11, 2005 appealing the decision of the Examiner in the Final Office Action dated May 11, 2005 for the above captioned application. Appellant hereby submits this Appeal Brief pursuant to 37 C.F.R. 41.37.

(1) REAL PARTY IN INTEREST

The real party of interest in this action is International Business Machines Corporation, the recorded assignee of the entire right, title and interest in and to the patent application now under appeal before this Board. International Business Machines Corporation is a corporation of the State of New York, having a place of business at Armonk, New York 10504.

(2) RELATED APPEALS AND INTERFERENCES

There are no other appeals or interferences known to Appellants, Appellants' legal representative, or Assignee that will affect or be directly affected by or have a bearing upon the Board's decision in the pending appeal.

(3) STATUS OF THE CLAIMS

The status of all claims in the application under appeal is as follows: claims 1-14 and 16-38 are pending in the application. Claims 1-14 and claims 16-25 stand rejected and are under appeal. Claims 15 and 26-38 stand withdrawn from consideration.

(4) STATUS OF AMENDMENTS

No amendments to the claims were requested subsequent to the Final Office Action dated May 11, 2005 from which this appeal is taken.

(5) SUMMARY OF CLAIMED SUBJECT MATTER

Appellant identified a need for methods and computer program products to overcome barriers that prevent expanded e-commerce with minors, including enabling a parent to freely

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and conveniently review information describing an e-transaction proposed by a minor and selectively authorizing or rejecting all or part of a minor's proposed electronic transaction.

(Specification, p. 4, lines 5-16). "E-commerce" means purchasing goods or services by a

purchaser using the internet ("e-purchaser") and typically involves the submission of an e-

purchaser's name, credit card number and credit card expiration date in order to complete a

transaction using the internet, which is an "e-transaction." (Specification, p. 1, lines 24-29). E-

goods and e-services are goods and services that may be marketed, advertised or sold over the

internet. Id.

The claimed invention includes electronically receiving an e-transaction proposal from a

minor. (Specification, p. 12, lines 16-20). The minor may also submit, along with the e-

transaction proposal, identification information concerning both the minor and an e-mail address

for an authorizing party with authority to execute the minor's proposed e-transaction.

(Specification, p. 8, lines 15-20).

The server may then automatically create and electronically transmit a first message to

the parent, the message describing the proposed e-transaction and soliciting the parent's

authorization of the proposed e-transaction. (Specification, p. 14, lines 12-17). The message

may provide details of the minor's proposed e-transaction, showing ratings or reviews by others

of the artists, publishers, content or characteristics of the e-goods or e-services. (Specification, p.

15, lines 20-30). The message may further include clickable hyperlinks to other websites where

more detailed information about the e-goods or e-services may be obtained. Id.

The parent may authorize the entire proposed e-transaction or may selectively cancel

objectionable items to authorize only a portion of the proposed e-transaction. (Specification,

FIG. 7, states 420, 425 and 465). The e-mail may provide clickable options of the parent's

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selective authorization of only a subset of the discrete e-transactions making up the proposed e-

transaction. (Specification, p. 6, lines 12-18). The message to the authorizing party may be

made as an e-mail to an address provided by the minor or to an email address previously

supplied by the authorizing party and stored in a database. (Specification, p. 14, lines 15-20).

In response to the first message sent to the parent, the server may electronically receive a

reply message from the parent authorizing an e-transaction and further providing e-transaction

instructions. (Specification, FIG. 7, states 465 and 425). One way of providing authorization is

by providing an authorization code that may be compared to the authorization codes unique to

certain authorizing parties and stored in a database. (Specification, p. 8, lines 5-10). Supplying

a credit card number is another example of how a parent may provide authorization.

(Specification, p. 14, lines 25-30). An old credit card number may be used as authorization or a

new credit card number or information may be used as authorization or as an instruction to

charge the e-transaction to the new number. (Specification, p. 16, lines 1-8). The server can

then modify the e-transaction proposal to conform to the instructions received from the parent.

(Specification, p. 16, lines 10-16).

After receiving the e-transaction authorization and instructions from the parent, the server

may automatically execute the e-transaction instructions by completing the e-transaction and

providing purchase confirmation and delivery details to the minor. (Specification, p. 12, lines

25-30). The server may further create and send an electronically transmittable third message

notifying the minor of the parent's response to the proposed e-transaction. (Specification, FIG.

6B, states 340 and 345).

(6) GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

a. Claims 1, 2, 4, 5, 13, 16, 17, 19 and 20 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al.

b. Claims 1, 6-9 and 21-24 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,674,368 issued to Hawkins, et al.

c. Claims 1, 10-12, 14, 25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,742,141 issued to Miller.

d. Claims 1, 3 and 18 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,052,675 issued to Checchio.

(7) ARGUMENT

a. Claims 1, 2, 4, 5, 13, 16, 17, 19 and 20 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al.

(1) Review of the cited prior art. Lotvin discloses a method and apparatus for motivating children to devote more time to educational and cultural enrichment by awarding them with points whenever they complete educational tasks. (Lotvin, Abstract). These points can then be redeemed towards the purchase of goods and services offered through the system by its commercial participants. *Id.* Parents purchase the services of the provider by signing up for

the service and by providing a credit card number to pay for the services on a monthly basis and also to pay for the selections made by the children for goods and services when they cash in their points. (Lotvin, col. 2, lines 24-30). Optionally, the parents may exclude certain categories of goods from being made available to the children when the children cash in their points. (Lotvin, col. 2, lines 39-42 and col. 7, lines 1-5). For example, the parents may indicate that toys of a violent nature are to be precluded. (Lotvin, col. 13, lines 50-51). When the child is ready to cash in his earned points, the system provides a menu of purchasing choices consistent with the number of points the child has earned, the spending limit set by the parent and the parental

exclusion preferences. (Lotvin, col. 13, lines 45-52). The child makes his selections and the

system processes the order. (Lotvin, col. 13, lines 55-67).

Blonder discloses an automated method for alerting a customer that a transaction is being initiated and for authorizing the transaction based upon a confirmation/approval by the customer. (Blonder, Abstract). Blonder discloses that a computer system database may send out an alert message over a two-way pager to a customer concerning a business transaction and that the customer can then approve the transaction by sending back an authorization code to the database. (Blonder, col. 9, lines 11-31). The system disclosed by Blonder is an automated authorization system that provides a database that can both receive the authorization code from the customer and compare the code to a stored authorization code to provide automatic authorization of a transaction. (Blonder, col. 15, lines 10-27). Blonder discloses the problems that result from an inability to quickly and efficiently inform the individual customer that his customer identifier (e.g., credit card, calling card, debit card, PIN, password, etc.) is being used in a transaction for a particular purpose and the inability of the customer to respond thereto in order to confirm or deny its use. (Blonder, col. 2, lines 55). Blonder discloses an automated method to solve this

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problem that includes informing the customer of the pending transaction and authorizing the

transaction only in response to a customer confirmation. Id.

(2) Applicable law. A claimed invention is unpatentable if the differences between it

and the prior art "are such that the subject matter as a whole would have been obvious at the time

the invention was made to a person having ordinary skill in the art." 35 U.S.C. 103(a) [emphasis

added]. The ultimate determination of whether an invention is or is not obvious is a legal

conclusion based on underlying factual inquiries including: (1) the scope and content of the prior

art; (2) the level of ordinary skill in the prior art; (3) the differences between the claimed

invention and the prior art; and (4) objective evidence of nonobviousness. Graham v. John

Deere Co., 383 U.S. 1, 17-18, 148 USPQ 459, 467 (1966). As the Federal Circuit has stated,

"Focusing on the obviousness of substitutions and differences instead of on the invention as a

whole . . . was a legally improper way to simplify the difficult determination of obviousness."

Hybritech Inc. v. Monoclonal Antibodies, Inc., 802 F.2d 1367, 1383 (Fed. Cir. 1986) [emphasis

added].

To establish a prima facie case of obviousness of a claimed invention, all the claim

limitations must be taught or suggested by the prior art. In re Royka, 490 F.2d 981, 985 (CCPA

1974). All words in a claim must be considered in judging the patentability of that claim against

the prior art. In re Wilson, 424 F.2d 1382, 1385 (CCPA 1970).

An additional requirement for providing a prima facie case of obviousness is that the

Examiner must provide a basis for combining or modifying the cited references. The mere fact

that references can be combined or modified does not render the resultant combination obvious

unless the prior art also suggests the desirability of the combination. In re Mills, 916 F.2d 680

(Fed. Cir. 1990).

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In the case In re Rouffet, 149 F.3d 1350 (Fed. Cir. 1998), the Court states:

When a rejection depends on a combination of prior art references, there must be some teaching, suggestion, or motivation to combine the references. Although the suggestion to combine references may flow from the nature of the problem, the suggestion more often comes from the teachings of the pertinent references or from the ordinary knowledge of those skilled in the art that certain references are of special importance in a particular field. Therefore, when determining the patentability of a claimed invention which combines two known elements, the question is whether there is something in the prior art as a whole to suggest the desirability, and thus the obviousness, of making the combination.

Id. at 1356 [citations omitted].

In the case In re Lee, 277 F.3d 1338 (Fed. Cir. 2002), the Federal Circuit held:

When patentability turns on the question of obviousness, the search for and analysis of the prior art includes evidence relevant to the finding of whether there is a teaching, motivation, or suggestion to select and combine the references relied on as evidence of obviousness.

Id. at 1343, emphasis added.

The courts have recognized that most inventions are made up of elements that have already been discovered and utilized. It is the specific combination of these elements, however, that define the invention being claimed. For example, in the case *In re Kotzab*, 217 F.3d 1365 (Fed. Cir. 2000), the Court states:

Most, if not all inventions arise from a combination of old elements... Thus, every element of a claimed invention may often be found in the prior art. However, identification in the prior art of each individual part claimed is insufficient to defeat patentability of the whole claimed invention. Rather, to establish obviousness based on a combination of the elements disclosed in the prior art, there must be some motivation, suggestion or teaching of the desirability of making the specific combination that was made by the applicant.

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Id. at 1395.

(3) The cited prior art fails to teach or suggest all the claim limitations of independent

claims 1 and 16. Applicant respectfully asserts that a prima facie case of obviousness has not

been presented because neither one of the cited references teaches nor suggests that a reply

message received from the parent includes e-transaction instructions. Applicant claims that the

reply message must contain both an (1) authorization and (2) instructions. Furthermore, neither

of the cited prior art references teach or suggest electronically receiving an e-transaction

proposal from a minor.

Lotvin does not disclose sending any messages to the parent asking for either (1)

authorization or (2) instructions concerning a pending e-transaction and therefore, there is no

suggestion or teaching that the parent sends a return message. There are no messages being sent

back by the parent before an e-transaction (not an e-transaction proposal) by the minor is

executed including messages that (1) authorize the transaction and (2) provide further e-

transaction instructions.

It is important to note that there is no e-transaction proposal sent by the minor in Lotvin

because Lotvin discloses that the method displays a menu of pre-selected and approved

purchases that the minor may select from. Therefore, the minor selects the choices and the result

is not a "proposal" that must be approved, but is instead, the order of the minor for pre-selected

and approved goods.

Furthermore, Lotvin discloses that both the authorization and any constraints to what the

minor may purchase are already obtained before the minor makes any choices as to what to buy

with the "points" he has earned. Only pre-arranged choices are provided for the minor to choose

from. Lotvin discloses that the parent provides all required information when the parent signs

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the child up for the educational services. The parent provides a credit card number when the

parent signs the child up for the educational services and provides a set amount that the child is

allowed to spend on the prizes when the child cashes in his points. Lotvin further discloses that

the parent may exclude certain toys or goods from the mix that is offered to the minor when the

minor is ready to "spend" his points.

Blonder discloses sending a message to the parent asking for (1) authorization and

receiving an authorization message back from the parent, in the form of a code, but does not

teach or suggest that the parent send additional instructions back with the parent's authorization.

Lotvin clearly points out that what is disclosed therein is an automatic authorization method;

indeed, its title is Transaction Authorization and Alert System. (Blonder, Title) Blonder does

not suggest or teach that this system may be expanded to receive e-transaction instructions in the

authorization message received from the parent. Furthermore, the transaction request is not sent

electronically by the minor, as claimed by Appellant, but is instead sent by the retailer in

response to the minor attempting to purchase goods in the retail establishment.

Because neither of the cited prior art references suggest or teach that a response message

from a parent include both a transaction authorization and an e-transaction instruction, and

because neither of the cited prior art references suggest or teach that a server electronically

receives (1) an e-transaction proposal (2) from a minor, a prima facie case of obviousness has

not been presented. Appellant therefore respectfully requests that the Board find independent

claims 1 and 16 presented on appeal to be patentable as well as, therefore, all other claims

presented on appeal that depend therefrom.

(4) The cited prior art fails to teach or suggest all the claim limitations of claims 2 and

17. Applicant respectfully asserts that a prima facie case of obviousness has not been presented

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because neither one of the cited references teaches nor suggests a server creating and sending an

electronically transmittable third message notifying the minor of the parent's response to the

proposed e-transaction.

The Examiner cites Blonder as suggesting or teaching this limitation as Blonder discloses

that an authorization from the transaction processing center to the retailer, where the minor is

waiting for the goods to be purchased, may be the third message if the retailer relays the message

to the child. (Final Office Action, p. 3). However, such is not what Appellant claims.

Blonder discloses that what is sent back to the retailer is an authorization code that

identifies the transaction and can thereby be used to verify that the authorization process was

properly adhered to by the retailer. (Blonder, col. 12, lines 15-25). Typical reasons for denial

include that the balance on the customer's account has exceeded its credit limit or that the

customer has not responded to the request for authorization. Id.

Blonder does not disclose that the parent's response is sent electronically as a third

message notifying the minor of the parent's response. At best, relaying the message to the child

by the retailer would be a fourth message from the retailer to the minor and such message would

not be sent electronically but would be spoken to the child. As Appellant pointed out above,

neither of the prior art references teach or suggest that a server electronically receives an e-

transaction proposal from a minor and here, neither prior art reference teaches or suggests the

limitations of claims 2 and 17 - that the server creates and sends a third message notifying the

minor of the parent's response to the proposed e-transaction. The third message cited by the

Examiner only informs the retailer that the credit card issuer has approved the transaction - not

the minor.

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Blonder does not disclose that the retailer even knows that the parents have or have not

been contacted. Therefore, at best, Blonder discloses that the retailer can tell the minor that the

transaction was or was not approved by the credit card company, but the retailer cannot tell the

minor (1) that the parents were contacted or (2) that the parents did or did not approve the

transaction. Such information is simply not provided in the authorization code provided to the

retailer by the credit card issuer.

Because neither of the cited prior art references suggest or teach that the server creates

and sends an electronically transmittable third message notifying the minor of the parent's

response, a prima facie case of obviousness has not been presented. Appellant therefore

respectfully requests that the Board find claims 2 and 17 presented on appeal to be patentable.

(5) No evidence has been provided for a teaching, motivation or suggestion to select

and combine the cited references. Appellant respectfully asserts that a prima facie case of

obviousness has not been presented because there has been no evidence provided relevant to the

finding of whether there is a teaching, motivation or suggestion to select and combine the

references. The Examiner has stated that it would be obvious to modify the method of Lotvin to

include the Blonder process because this would provide a more flexible method in that a case by

case approval can be taken of products purchased as opposed to the more rigid pre-selection of

certain products by Lotvin. (Final Office Action, p. 3).

As the Roffet Court has taught, "Although the suggestion to combine references may flow

from the nature of the problem, the suggestion more often comes from the teachings of the

pertinent references or from the ordinary knowledge of those skilled in the art that certain

references are of special importance in a particular field." In re Rouffet, 149 F.3d at 1356.

(IBM/0013)

Appellant respectfully asserts that there is no motivation to combine the cited references. First, addressing the first Rouffet prong, there is no evidence that the nature of the problem to be solved provides any evidence of a motivation to combine these references. Each of the references attempts to solve a different problem. Blonder addresses the problem of credit card fraud and provides a method for automatically obtaining authorization for a credit card transaction. Lotvin attempts to solve the problem of how to increase the educational and cultural level of children. Neither reference suggests or teaches a solution to the problem of how to allow minors to fully but safely participate in e-commerce transactions, which is the problem sought to be solved by Applicant.

Addressing the second Rouffet prong, there is no suggestion from the cited prior art that the references should be combined. Neither of the prior art references address the subject of minors using the internet to buy goods and services. Blonder only discloses minors using "brick and mortar" stores, where their status as a minor is determined only from sight by the retailer and the system seeking authorization does not know whether a minor or an adult is seeking to purchase goods or services. Lotvin only discloses purchases being made on the website of the educational services provider with earned "points" from "appropriate menus presented to the child offering goods and services that may be optionally based on the parent's preferences." (Lotvin, col. 7, lines 1-3). Therefore, there is no suggestion from the prior art that the reference should be combined.

The third Rouffet prong provides that the motivation to combine references may come from the ordinary knowledge of those skilled in the art that certain references are of special importance in a particular field. Certainly there has been no evidence provided showing that the cited prior art references are of special importance in a particular field.

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Therefore, because there has been no evidence presented showing the motivation to combine the cited references, Appellant respectfully asserts that a *prima facie* case of obviousness has not been presented. Appellant therefore requests that the Board find the claims presented on appeal to be patentable.

- b. Claims 1, 6-9 and 21-24 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,674,368 issued to Hawkins, et al.
- (1) Review of the cited prior art. Hawkins discloses methods and apparatus for tracking the location of assets and persons. (Hawkins, Abstract). Position information is provided to a central monitoring station aperiodically. *Id.* Hawkins discloses the need to provide improved methods and apparatus for tracking criminals and goods in transit. (Hawkins, columns 1 and 2). Alerts may be sent out by email, pop-ups, facsimile message and pagers depending upon the level of alert required. (Hawkins, col. 12, lines 12-31). Contact addresses and types of notifications for given alerts may be determined by the authorized user. *Id.* The authorized user is the person receiving the alerts. (Hawkins, col. 23, lines 53-54). A high level alert may be triggered by the movement of a criminal offender and a low level alert may be assigned for a violation associated with a child leaving a school yard. (Hawkins, col. 16, lines 57-67).
- (2) The cited prior art fails to teach or suggest all the claim limitations of claims 6-9 and 21-24. Applicant respectfully asserts that a prima facie case of obviousness has not been presented because none of the three cited references teaches nor suggests sending an email to a

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parent that describes the e-transaction proposal and solicits the parent to authorize an e-transaction that comprises at least a part of the e-transaction proposal.

The Examiner admits that neither Lotvin nor Blonder teach or suggest the limitiatons of

claims 6-9 and 21-24 and therefore, the Examiner cites Hawkins for those limitations. (Final

Office Action, p. 4). However, Hawkins merely discloses that an email may be sent to a parent

to alert the parent that a child has left a school yard. The triggering event for sending an email to

a parent in Hawkins is that a child left a school yard, not a proposed e-transaction. The content

of the email message could not be more different and the events triggering the email messages

could not be more different between Hawkins and Appellant's claimed invention.

Therefore, because the cited prior art references fail to teach or suggest sending an email

to a parent that describes the e-transaction proposal and solicits the parent to authorize an e-

transaction that comprises at least a part of the e-transaction proposal, Appellant respectfully

asserts that a prima facie case of obviousness has not been presented. Therefore, Appellant

respectfully requests the Board to find that claims 6-9 and 21-24 presented on appeal are

patentable.

(3) The cited prior art fails to teach or suggest all the claim limitations of claim 7.

Applicant respectfully asserts that a prima facie case of obviousness has not been presented

because none of the three cited references teaches nor suggests that the parent's e-mail address is

provided by the minor along with the proposed e-transaction.

The Examiner admits that neither Lotvin nor Blonder teach or suggest the limitiatons of

claim 7 and therefore, the Examiner cites Hawkins for those limitations. (Final Office Action, p.

4). However, Hawkins does not teach that the minor provide the e-mail address along with the

proposed e-transaction. Indeed, Hawkins only discloses that the email address is provided by the

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authorized user. None of the cited prior art references teach or suggest that the email address is

provided by the minor, a limitation claimed by Appellant.

Therefore, because the cited prior art references fail to teach or suggest that the parent's

e-mail address is provided by the minor along with the proposed e-transaction, Appellant

respectfully asserts that a prima facie case of obviousness has not been presented. Therefore,

Appellant respectfully requests the Board to find that claim 7 presented on appeal is patentable.

(4) No evidence has been provided for a teaching, motivation or suggestion to select

and combine the cited references. Appellant respectfully asserts that a prima facie case of

obviousness has not been presented because there has been no evidence provided relevant to the

finding of whether there is a teaching, motivation or suggestion to select and combine the

references. The Examiner has stated that it would be obvious to modify the Blonder and hence

Lotvin to use email instead of paging because email is more expeditious.

Appellant has already provided an analysis of the lack of evidence for combining Lotvin

and Blonder. Continuing now with Hawkins and first, addressing the first Rouffet prong, there is

no evidence that the nature of the problem sought to be solved provides any evidence of a

motivation to combine these references. Hawkins addresses the problem of tracking people and

shipments of goods and does not address at all the concerns of (1) increasing the educational and

cultural level of children (Lotvin), (2) decreasing the level of credit card fraud by providing a

method of automatically obtaining authorization for a credit card transaction (Blonder) or (3)

how to allow minors to fully but safely participate in e-commerce transactions, which is the

problem sought to be solved by Applicant.

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Addressing the second Rouffet prong, there is no suggestion from the cited prior art that the references should be combined. None of the prior art references address the subject of minors using the internet to buy goods and services.

The third Rouffet prong provides that the motivation to combine references may come from the ordinary knowledge of those skilled in the art that certain references are of special importance in a particular field. Certainly there has been no evidence provided showing that the cited prior art references are of special importance in a particular field.

Therefore, because there has been no evidence presented showing the motivation to combine the cited references, Appellant respectfully asserts that a *prima facie* case of obviousness has not been presented. Appellant therefore requests that the Board find claims 6-9 and 21-24 presented on appeal to be patentable.

(5) Non-analogous art cannot be used to establish obviousness. Appellant respectfully asserts that Hawkins is non-analogous art and therefore may not be combined with other prior art to establish obviousness. 35 U.S.C. § 103 requires that obviousness be determined on the basis of whether at the time the invention was made, a person of ordinary skill in the art to which the subject matter pertains would have found the claimed invention as a whole obvious. In the case In re Wood, 599 F.2d 1032 (CCPA 1979), the Court stated:

The determination that a reference is from a nonanalogous art is therefore twofold. First, we decide if the reference is within the field of the inventor's endeavor. If it is not, we proceed to determine whether the reference is reasonably pertinent to the particular problem with which the inventor was involved.

Considering the first prong of Wood, Appellant respectfully asserts that Hawkins is not even marginally within the field of the inventor's endeavor. Appellant's field of endeavor is the

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furtherance of the use of e-commerce by minors. Hawkins field of endeavor is, as stated therein, tracking the geographic position of assets. (Hawkins, col. 1, lines 14-15).

Considering, then, the second prong of *Wood*, Appellant respectfully asserts that Hawkins is not reasonably pertinent to the particular problem with which the inventor was involved. As discussed, *supra*, Hawkins addresses the problem of tracking people and shipments of goods and does not address at all the concerns of how to allow minors to fully but safely participate in e-commerce transactions, which is the problem sought to be solved by Applicant.

Therefore, because Hawkins is nonanalogous art and cannot be used to support an obviousness rejection, Appellant respectfully requests that the Board finds that claims 6-9 and 21-24 presented on appeal are patentable.

- c. Claims 1, 10-12, 14, 25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,742,141 issued to Miller.
- (1) Review of the cited prior art. Miller provides a solution to the problem of repeated computer system and software failure or instability. (Miller, Abstract). The solution disclosed by Miller is a database that contains entries with executable code that can make use of these services in order to monitor, disclose and solve specific problems. *Id.* More specifically, in FIG. 12C, Miller discloses a user interface of the customer screen where the customer can use a checkbox to enable the reporting of minor problems with the software and can use another check box to enable the reporting of all problems. (Miller, col. 15, lines 15-21).
- (2) The cited prior art fails to teach or suggest all the claim limitations of claims 11-12 and 25. Applicant respectfully asserts that a prima facte case of obviousness has not been

comprise the selective rejections.

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presented because none of the three cited references teaches nor suggests providing a list of each item sought by the minor in the e-transaction proposal and allowing the parent to selectively reject one or more items on the list, wherein the e-transaction instructions of the reply message

The Examiner cites Miller for disclosing a clickable option menu that allows a user to select options. Miller allows a customer to use a checkbox to enable the reporting of minor problems with the software and can use another check box to enable the reporting of all problems. However, that is not what Appellant claims. Appellant claims:

- a. providing a list of each item sought by the minor in the e-transaction proposal;
- b. allowing the parent to selectively reject one or more items on the list; and
- c. wherein the e-transaction instructions of the reply message comprise the selective rejections.

No reference has been cited that suggests or claims these three claimed limitations. Therefore, because the cited prior art references fail to teach or suggest these three claimed limitations, Appellant respectfully asserts that a *prima facie* case of obviousness has not been presented. Therefore, Appellant respectfully requests the Board to find that claims 11-12 and 25 presented on appeal are patentable.

- d. Claims 1, 3 and 18 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,178,407 issued to Lotvin, et al. in view of U.S. Patent No. 5,708,422 issued to Blonder, et al and further in view of U.S. Patent No. 6,052,675 issued to Checchio.
- (1) Review of the cited prior art. Checchio provides a method and apparatus for preauthorizing transactions for a credit card. (Checchio, Abstract). Linked with a credit card number in a database is a Personal Identification Code (PIC). *Id.* Whenever a consumer wishes

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to use the credit card, the consumer must provide both the credit card number and the PIC or the

authorization for use of the credit card will not be granted by the credit card company.

(Checchio, col. 4, lines 40-51). The owner of the credit card may be issued several PIC's, each

having its own spending limit so that children may be given the credit card but are limited by the

amount they can charge because of the PIC given to each of the children. (Checchio, col. 6, lines

41-62).

(2) The cited prior art fails to teach or suggest all the claim limitations of claims 3 and

18. Applicant respectfully asserts that a prima facie case of obviousness has not been presented

because none of the three cited references teaches nor suggests that the reply message from the

parent comprises a credit card number for electronically funding the e-transaction.

Checchio does not disclose providing an e-transaction instruction in a responding

message to charge goods or services to a particular credit card that is supplied in the message.

Checchio merely discloses that a PIC number may be associated with a given credit card so that

when the credit card is used, the PIC must be used with the credit card for authorization, much

like the common use of a debit card. The credit card number must be supplied with the PIC. In

other words, very similar to the common use of a debit card, when a customer presents the debit

card for use, the customer must enter a Personal Identification Number (PIN) before the

transaction can be authorized by the debit card issuing bank. This is not what Applicant claims.

Therefore, because the cited prior art references fail to teach or suggest that the reply

message from the parent comprises a credit card number for electronically funding the e-

transaction. Appellant respectfully asserts that a prima facie case of obviousness has not been

presented. Therefore, Appellant respectfully requests the Board to find that claims 3 and 18

presented on appeal are patentable.

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WHEREFORE, Appellant respectfully asserts that a *prima facie* case of obviousness has not been presented for the claims presented on appeal and therefore respectfully request that this Board find that the claims presented on appeal are patentable.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

IN RE APPLICATION OF: Rabindranath Dutta, et al. EXAMINER: Joseph A. Fischetti SERIAL NO: 09/963,715 **CONFIRMATION NO.: 9288 GROUP ART UNIT: 3627** FILED: September 26, 2001 FOR: Method and System for Parent Controlled E-Commerce

APPENDIX IN SUPPORT OF APPELLANT'S APPEAL BRIEF

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(8) CLAIMS APPENDIX

What is claimed is:

1. (previously presented) A method for a server to obtain parent authorization of minor-proposed e-transactions comprising:

electronically receiving an e-transaction proposal from the minor;

automatically creating and electronically transmitting a first message to the parent, the message describing the e-transaction proposal and soliciting the parent to authorize an e-transaction that comprises at least a part of the e-transaction proposal;

electronically receiving a reply message from the parent authorizing the e-transaction and providing e-transaction instructions; and

automatically executing the e-transaction instructions.

- 2. (previously presented) The method of claim 1, further comprising:

 creating and sending an electronically transmittable third message notifying the
 minor of the parent's response to the proposed e-transaction.
- 3. (previously presented) The method of claim 1, wherein the e-transaction instructions comprise a credit card number for electronically funding the e-transaction.
- 4. (previously presented) The method of claim 1, wherein the step of electronically receiving a reply message from the parent authorizing the e-transaction comprises:

receiving a server-verifiable transaction authorization code.

- 5. (previously presented) The method of claim 5, wherein the <u>authorization code is a</u> transaction specific code.
- 6. (original) The method of claim 1, wherein the first message is an e-mail addressed to the parent's e-mail address.

- 7. (original The method of claim 1, wherein the parent's e-mail address is provided by the minor along with the proposed e-transaction.
- 8. (original) The method of claim 1, wherein the parent's e-mail address is available from an accessible database.
- 9. (original) The method of claim 8, wherein the parent's e-mail address is provided by the parent prior to the server's receipt of the minor's proposed e-transaction.
- 10. (previously presented) The method of claim 1, wherein the first message to the parent provides options for the parent to approve the e-transaction proposal and to reject the e-transaction proposal.
- 11. (previously presented) The method of claim 1, further comprising:

providing in the first message a list of each item sought by the minor in the e-transaction proposal; and

allowing the parent to selectively reject one or more of the items on the list, wherein the e-transaction instructions of the reply message comprise the selective rejection.

- 12. (original) The method of claim 1, wherein the first message comprises clickable options for providing the parent's reasons for rejecting items from the proposed e-transaction.
- 13. (previously presented) The methods of claim 1, wherein the e-transaction proposal involves the purchase of goods, and wherein the first e- message comprises information related to content of the goods involved in the e-transaction proposal.
- 14. (original) The method of claim 1, wherein the first messages provide clickable hyperlinks enabling the parent to access reviews by others of the goods sought in the e-transaction proposal.

15. (withdrawn) A method for a server to provide a parent with control over an e-transaction proposed by a minor comprising:

electronically receiving a proposed e-transaction from a minor;

receiving an e-mail address of the minor's parent;

creating an electronically transmittable message addressed to the parent's e-mail address;

electronically providing the parent with a description of the proposed e-transaction:

electronically receiving a reply message from the parent comprising the parent's instructions regarding the proposed e-transaction;

disposing of the proposed e-transaction in accordance with the parent's instructions; and

electronically notifying the minor of the parent's instructions regarding the proposed e-transaction proposed by the minor.

16. (previously presented) A computer program product including instructions embodied on a computer readable medium, the instructions comprising:

instructions for receiving an e-transaction proposal from a minor;

instructions for automatically creating and electronically transmitting a first message to a parent, the message describing the e-transaction proposal and soliciting the parent to authorize an e-transaction that comprises at least a part of the proposed e-transaction:

instructions for receiving a reply message from the parent authorizing the e-transaction and providing e-transaction instructions; and

instructions for executing the e-transaction instructions.

17. (original) The computer program product of claim 16, further comprising:

instructions for creating and sending an electronically transmittable third message notifying the minor of the parent's response to the proposed e-transaction.

- 18. (previously presented) The computer program product of claim 16, wherein the e-transaction instructions comprise a credit card number for electronically funding the e-transaction.
- 19. (previously presented) The computer program product of claim 16, wherein the instructions for receiving a reply message from the parent comprises:

receiving a server-verifiable transaction authorization code.

- 20. (previously presented) The computer program product of claim 19, wherein the authorization code is a transaction specific code.
- 21. (original) The computer program product of claim 16, wherein the first message is an e-mail message addressed to the parent's e-mail address.
- 22. (original) The computer program product of claim 21, wherein the parent's e-mail address is provided by the minor along with the proposed e-transaction.
- 23. (original) The computer program product of claim 21, wherein the parent's e-mail address is available from an accessible database.
- 24. (original) The computer program product of claim 23, wherein the parent's e-mail address is provided by the parent prior to the server's receipt of the minor's proposed e-transaction.
- 25. (previously presented) The computer program product of claim 21, further comprising:

instructions for providing in the first message a list of each item sought by the minor in the e-transaction proposal; and

instructions for allowing the parent to selectively reject one or more of the items of the e-transaction proposal, wherein the e-transaction instructions of the reply message comprise the selective rejection.

26. (withdrawn) A computer system for obtaining parent authorization of minorproposed e-transactions comprising:

first receiving means for electronically receiving an e-transaction proposal from the minor;

messaging means for automatically creating and electronically transmitting a first message to the parent, wherein the message describes the e-transaction proposal and solicits the parent to enter a transaction authorization code to enable consummation of the proposed e-transaction;

second receiving means for electronically receiving a reply message from the parent providing a transaction authorization code and e-transaction instructions; and executing instructions for automatically executing the e-transaction instructions.

- 27. (withdrawn) The computer system of claim 26, further comprising:
- notification means for creating and sending an electronically transmittable third message notifying the minor of the parent's response to the proposed e-transaction.
- 28. (withdrawn) The computer system of claim 26, wherein the reply message comprises a credit card number for electronically funding the minor's proposed e-transaction.
- 29. (withdrawn) The computer system of claim 26, wherein the reply message comprises a server-verifiable transaction authorization code.
- 30. (withdrawn) The computer system of claim 26, wherein the reply message comprises a transaction specific code.
- 31. (withdrawn) The computer system of claim 26, wherein the first message is an e-mail message addressed to the parent's e-mail address.
- 32. (withdrawn) The computer system of claim 26, further comprising:

submission means for allowing the minor to submit the parent's e-mail address along with the proposed e-transaction.

- 33. (withdrawn) The computer system of claim 26, wherein the parent's e-mail address is available from an accessible database.
- 34. (withdrawn) The computer system of claim 33, further comprising:
 submission means for allowing the parent to submit the parent's e-mail address
 prior to receiving the minor's proposed e-transaction.
- 35. (withdrawn) The computer system of claim 26, further comprising:

 approval means for allowing the parent to approve or reject the proposed etransaction through clickable options provided in the first message.
- 36. (withdrawn) The computer system of claim 26, further comprising:

 approval means for allowing the parent to approve or reject individual items of
 the proposed e-transaction through clickable options provided in the first message.
- 37. (withdrawn) The computer system of claim 26, wherein the proposed e-transaction involves the purchase of goods, and wherein the first e-mail message comprises information related to content of the goods involved in the proposed e-transaction.
- 38. (withdrawn) The computer system of claim 26, further comprising:
 research means for allowing the parent to research reviews of the good sought in
 the e-transaction proposal through clickable hyperlinks provided in the first message.

(9) EVIDENCE APPENDIX

NONE

(10) RELATED PROCEEDINGS APPENDIX

NONE